

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-00070	8710	B <u>B0</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall accept Service Requests from the Data Processing subsystem and, as a result, provide access to Data for the purpose of reprocessing.
S-DSS-00115	8711	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall accept Search Status Requests for a specified active Search Request and, if requested, provide all Search Results accumulated for that Search Request.
S-DSS-00116	8712	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall accept Search Status Requests for a specified active Search Request and, if requested, provide all Search Results accumulated since the last Search Status Request for that Search Request.
S-DSS-00180	8713	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall accept and process Data Requests for Data Products that are produced on demand using the resources available to the Data Server.
S-DSS-00200	8714	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability for a user to delete their own queued Data Request.
S-DSS-00210	8715	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide operations staff the capability to update the Priority Information for a queued Service Request.
S-DSS-00215	8716	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide operations staff the capability to modify any field in a queued Service request.
S-DSS-00230	8717	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide users the capability to cancel their own Service Requests.

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S-DSS-00240	8718	B B1	functional	approved	test	<u>unverified</u>			The SDSRV CI shall determine which Data Requests require post-retrieval processing.
S-DSS-00250	8719	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide an application program interface for the submission of Service Requests.
S-DSS-00260	8720	B B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide an application program interface for the submission of requests for administrative services.
S-DSS-00264	8721	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide an application program interface which permits DAAC operations staff to link special subsetting capabilities into a Science Data Server.
S-DSS-00270	8722	B B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall accept and process Data Requests for Repaired Orbit Data.
S-DSS-00280	8723	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall accept and process Data Requests for Attitude Data.
S-DSS-00310	8726	B B1	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability for authorized clients to submit Service Requests batch mode.
S-DSS-00320	8727	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall notify clients that issue Cancellation Requests that the associated Service Request has been canceled or the associated Service Request was completed.
S-DSS-00330	8728	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record Request Identifiers to be used for accounting purposes.
S-DSS-00331	8729	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record the User Identifier of the science investigator

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									associated with a Service Request, to be used for accounting purposes.
S-DSS-00332	8730	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record the amount of user storage associated with a science user, to be used for accounting purposes.
S-DSS-00333	8731	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record the amount of connect time associated with a science user, to be used for accounting purposes.
S-DSS-00340	8732	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record the level of CPU utilization for each Service Request to be used for accounting.
S-DSS-00350	8733	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record the level of I/O utilization for each Service Request to be used for accounting.
S-DSS-00360	8734	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record, for accounting purposes, a fixed personnel cost for Service Requests requiring interaction with operations staff.
S-DSS-00370	8735	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record a archival storage cost based on the number of bytes stored, to be used for accounting.
S-DSS-00375	8736	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall associate User Accounting Information with client sessions.
S-DSS-00376	10196	<del>B</del> B1	interface	approved	test	<u>unverified</u>			The SDSRV CI shall provide User Accounting Information to the System Management Subsystem, using MSS application program interfaces.
S-DSS-00378	8739	<del>B</del> B0	functional	approved	test	<u>unverified</u>			Operations staff shall be able to distribute SDSRV utilization reports eletronically or in hard copy or on

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									electronic media.
S-DSS-00400	8740	<del>B</del> <u>B1</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall accept pricing information, based on disk, CPU and media utilization, from CSMS.
S-DSS-00410	8741	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide actual cost information by the completion of a Service Request.
S-DSS-00420	8742	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall record the amount of media utilized for a Distribution Request.
S-DSS-00430	8743	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall accept the amount of media utilized from the distribution services.
S-DSS-00440	8744	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of providing estimated Service Request Cost.
S-DSS-00720	10871	<del>B</del> <u>B1</u>	functional	approved	demo	unverified	96-0990A		The SDSRV CI shall accept Metadata Problem Reports.
S-DSS-00730	8745	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to store Metadata problem reports.
S-DSS-00732	8746	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability for one Data Server to accept Data Availability Schedules from another Data Server.
S-DSS-00734	10652	<del>B</del> <u>B0</u>	functional	approved	demo	unverified	96-0907B		The SDSRV CI shall provide the capability to store Data Availability Schedules.
S-DSS-00740	8747	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall notify operations staff of the receipt of Metadata problem reports.
S-DSS-00750	8748	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide Metadata problem reports to operations staff

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									upon request.
S-DSS-00760	8749	B B1	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide application program interfaces to all the operator functions.
S-DSS-00790	10197	B	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide tools to analyze the performance of the storage system when such tools are supplied by the FSMS vendor.
S-DSS-00800	10198	B B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide tools to monitor and tune database performance when such tools are supplied by the database vendor.
S-DSS-00822	9792	B B1	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The SDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API.
S-DSS-00823	9793	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The SDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00824	9794	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The SDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00825	9795	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The SDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00826	9796	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The SDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00827	9797	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The SDSRV CI shall collect and provide Scheduling Management data

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									to the MSS using a MSS provided Scheduling Management API.
S-DSS-00829	9806	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The STMGT CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API.
S-DSS-00830	8755	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall collect Fault Management Data, such as, device failures, Service Request failures, transmission failures and general failures. This information shall be sent to the SMC for fault isolation.
S-DSS-00835	9807	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The STMGT CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00836	9808	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The STMGT CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00837	9809	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The STMGT CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00838	9810	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The STMGT CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00839	9811	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The STMGT CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API.
S-DSS-00840	8756	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall inform the collocated elements of ECS if resource

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									availability falls below nominal operating parameters. This applies to staging resources and peripheral resources.
S-DSS-00842	9813	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDIST CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API.
S-DSS-00843	9812	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDIST CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00844	9814	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDIST CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00845	9815	<del>B</del> B0	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDIST CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00846	9816	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDIST CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00847	9817	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDIST CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API.
S-DSS-00848	9818	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDIST CI shall collect and provide Distribution Management data to the MSS using a MSS provided Distribution Management API.
S-DSS-00851	9819	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDSRV CI shall collect and provide Configuration Management

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									data to the MSS using a MSS provided Configuration Management API.
S-DSS-00852	9820	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
S-DSS-00853	9821	<del>B</del> B0	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
S-DSS-00854	9822	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API.
S-DSS-00855	9823	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API.
S-DSS-00856	9824	B	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>			The DDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API.
S-DSS-00920	8757	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide Logistics Status to the SMC.
S-DSS-00930	8758	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall provide training information to the SMC.
S-DSS-00980	9828	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall have the capability to receive from the SMC, management directives.
S-DSS-00990	8760	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall have the capability to receive from the SMC, directives for integration, testing, and simulation.
S-DSS-	8761	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall



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01000									have the capability to receive from the SMC, configuration management directives.
S-DSS-01010	8762	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall have the capability to receive from the SMC, logistics management directives.
S-DSS-01020	8763	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall have the capability to receive from the SMC fault management directives.
S-DSS-01030	8764	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall have the capability to receive from the SMC security directives.
S-DSS-01035	8765	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall have the capability to receive from the SMC scheduling directives, and scheduling adjudication directives.
S-DSS-01040	8766	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall provide integration, testing, and simulation status to the SMC.
S-DSS-01050	8767	B	interface	approved	test	<u>unverified</u>			The SDSRV CI operations staff shall have the capability to receive training management directives from the SMC.
S-DSS-01080	8768	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall notify operations staff in the event that data required for an on-demand data production is not accessible.
S-DSS-01160	10858	<del>B</del> <u>B0</u>	functional	approved	demo	unverified	96-0990A		The SDSRV CI shall accept Status Requests from the client and provide the requested status, asynchronously, during the execution of a Search Request.
S-DSS-01170	8769	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to monitor resource utilization on a client basis.

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S-DSS-01190	10860	B <u>B1</u>	functional	approved	demo	unverified	96-0990A		The SDSRV CI shall provide the capability for operations staff to view the resources used and allocated by a client.
S-DSS-01200	8770	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall notify the requester in the event that an on-demand data production cannot be completed.
S-DSS-01212	10205	B	functional	approved	demo	<u>unverified</u>			The SDSRV CI shall provide Data Request Status to a client, concerning pending Data Requests, as specified in Appendix K of the current version of 304-CD-005 for Release B.
S-DSS-01220	10199	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall process Suspend Requests and, as a result, suspend the processing of a specified user session.
S-DSS-01290	8772	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability for the operations staff to suspend all active client sessions.
S-DSS-01300	8773	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability for the operations staff to resume any or all client sessions, previously suspended by operations staff or clients.
S-DSS-01310	10200	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall process Resume Requests and, as a result, resume the processing of a specified user session that was previously suspended.
S-DSS-01320	8775	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability for the operations staff to terminate any or all active or suspended client sessions.
S-DSS-01330	8776	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability for the client to terminate any

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									or all active or suspended client sessions that were previously initiated by the client.
S-DSS-01360	8777	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall, in the event of a restart after a processing failure, recover the state of all Service Requests, including the rollback of all incomplete Data Base Transactions, and the recovery of all complete Data Base Transactions.
S-DSS-01410	8778	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall log the suspension of the processing of a Service Request or the suspension of a client session.
S-DSS-01420	8779	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall log the resumption of a previously suspended Service Request or client session.
S-DSS-01440	8780	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide client Session Status Information to the requester.
S-DSS-01450	8781	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide application programming interfaces capable of supporting the development of extensions for the addition of Metadata fields that are unique to the data maintained at a specific DAAC.
S-DSS-01474	10201	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall process Subscription Requests, where the requested Subscription is for one or more actions to be performed at daily, weekly, or monthly intervals.
S-DSS-01525	10653	B <u>B0</u>	interface	approved	demo	unverified	96-0907B		The SDSRV CI shall accept Subscriptions for Data Availability Schedules from the PLANG CI.

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S-DSS-01790	8790	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide access to compound data type services.
S-DSS-02901	8791	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on Geographic location for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.
S-DSS-02902	8792	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on Spectral band for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.
S-DSS-02903	8793	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on Time for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.
S-DSS-02904	8794	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on WRS for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.
S-DSS-03002	8795	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving L0 - L4 Data.
S-DSS-03004	8796	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Ancillary Data.
S-DSS-	8797	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of

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03006		<u>B0</u>							receiving Metadata associated with Ancillary Data.
S-DSS-03050	8798	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving FDF Orbit Data for AM-1 instruments.
S-DSS-03060	8799	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving FDF Attitude Data for AM-1 instruments.
S-DSS-03100	8800	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving FDF Metadata for Orbit and Attitude data for AM-1 instruments.
S-DSS-03122	8801	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving real EOS instrument data to support pre-launch checkout of the ground system.
S-DSS-03124	8802	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving simulated EOS instrument data to support pre-launch checkout of the ground system.
S-DSS-03190	8803	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Orbit/Attitude data.
S-DSS-03200	8804	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Metadata associated with Orbit/Attitude data.
S-DSS-03290	8805	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Spacecraft Historical Data.
S-DSS-03330	9731	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Special Data Products.
S-DSS-03340	9732	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Metadata associated with Special Data Products.
S-DSS-	8808	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
03361									receiving NMC data.
S-DSS-03362	8809	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving First Look Products from the DAO.
S-DSS-03363	8810	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Reanalysis Products from the DAO.
S-DSS-03364	8811	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving Final Analysis Products from the DAO.
S-DSS-03369	10861	B	functional	approved	test	unverified	96-0990A		The SDSRV CI shall be capable of receiving expedited data from instruments.
S-DSS-03410	8813	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall verify compliance of scientist provided Metadata with EOSDIS defined standards for Metadata content and structure (not scientific content).
S-DSS-03460	8814	<del>B</del> B0	interface	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for FDF Orbit Data for AM-1 instruments.
S-DSS-03470	8815	B	interface	approved	test	<u>unverified</u>			The SDSRV CI's MD Component shall provide storage for Metadata associated with FDF Orbit and Attitude Data for AM-1 instruments.
S-DSS-03492	8816	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch checkout of the ground system.
S-DSS-03494	8817	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch checkout of the

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
									ground system.
S-DSS-03600	8818	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for production plans.
S-DSS-03660	8819	<del>B</del> B0	interface	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for spacecraft historical data.
S-DSS-03700	9747	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for special Data Products.
S-DSS-03710	9748	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide storage for Metadata associated with special Data Products.
S-DSS-03741	8822	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for NMC data.
S-DSS-03742	8823	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for First Look Products.
S-DSS-03743	8824	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for Reanalysis Products.
S-DSS-03744	8825	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The SDSRV CI shall interface with the STMGT CI to provide storage for Final Analysis Products.
S-DSS-03868	11221	<del>B</del> B0	interface	approved	demo	unverified	96-1002		The SDSRV CI shall be capable of sending status to the WKBCH CI.
S-DSS-03874	11222	<del>B</del> B0	interface	approved	demo	unverified	96-1002		The SDSRV CI shall be capable of receiving status from the LIMGR CI.

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-03876	11223	B B0	interface	approved	demo	unverified	96-1002		The SDSRV CI shall be capable of sending status to the LIMGR CI.
S-DSS-03940	8826	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving estimated disk utilization from the PLANG CI.
S-DSS-03950	8827	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving estimated CPU utilization from the PLANG CI.
S-DSS-03960	8828	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving estimated disk utilization from the STMGT CI.
S-DSS-03990	8829	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving actual disk utilization from the PLANG CI.
S-DSS-04000	8832	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving actual CPU utilization from the PLANG CI.
S-DSS-04010	8833	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of receiving actual disk utilization from the STMGT CI.
S-DSS-04038	8834	B B0	functional	approved	test	<u>unverified</u>			The SDSRV CI shall supply L0 - L4 Data to the DDIST CI.
S-DSS-04080	8835	B B0	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply FDF orbit data for AM-1 instruments packages to the DDIST CI.
S-DSS-04082	8836	B	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply FDF attitude data for AM-1 instruments packages to the DDIST CI.
S-DSS-04090	10862	B	interface	approved	demo	unverified	96-0990A		The SDSRV CI shall supply Metadata associated with FDF orbit data for



**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
		<u>B0</u>							AM-1 instruments to the DDIST CI.
S-DSS-04112	8837	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of supplying real EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI.
S-DSS-04114	8838	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of supplying simulated EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI.
S-DSS-04180	8839	<del>B</del> <u>B0</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply Orbit/Attitude Data to the DDIST CI.
S-DSS-04190	8840	<del>B</del> <u>B0</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI's MD Component shall supply Metadata associated with Orbit/Attitude Data to the DDIST CI.
S-DSS-04320	9753	<del>B</del> <u>B1</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply special Data Products to the DDIST CI.
S-DSS-04330	9754	<del>B</del> <u>B1</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply Metadata associated with special Data Products to the DDIST CI.
S-DSS-04332	8843	<del>B</del> <u>B0</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply Research results (articles, algorithms, data sets, software) to the DDIST CI.
S-DSS-04340	8844	<del>B</del> <u>B0</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply V0 migration Data Products to the DDIST CI.
S-DSS-04350	8845	<del>B</del> <u>B0</u>	interface	approved	test	<u>unverified</u>			The SDSRV CI shall supply Metadata associated with V0 migration Data Products to the DDIST CI.
S-DSS-04351	8846	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall supply NMC data to the DDIST CI.
S-DSS-	8847	<del>B</del>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall supply First

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
04352		<u>B1</u>							Look Products to the DDIST CI.
S-DSS-04353	8848	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall supply Reanalysis Products to the DDIST CI.
S-DSS-04354	8849	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall supply Final Analysis Products to the DDIST CI.
S-DSS-04410	8850	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI's MD Component shall have the ability to store references to Orbit/Attitude Data as Metadata for science data.
S-DSS-04500	8851	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI's MD Component shall have the ability to indicate the need for on-demand product generation as Metadata for science data.
S-DSS-04620	8852	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall update the Metadata for a data item that has been purged from the system.
S-DSS-04630	8853	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall update the Metadata whenever a data item is relocated to another site.
S-DSS-04695	9840	<del>B</del> <u>B0</u>	functional	<u>approved</u>	<u>test</u>	<u>unverified</u>			The SDSRV CI shall provide the capability to perform searches that identify the source instrument for a specified data product.
S-DSS-04745	8857	B	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide operations staff with the ability to display and list outstanding DARs that are accessible by the Data Server.
S-DSS-04760	8859	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall accept Subscription Requests from the client linked to a specified, existing DAR.

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-04800	9915	B <u>B0</u>	functional	approved	test	<u>unverified</u>			SDSRV CI mode-specific applications shall access data only for the mode in which the application is configured.
S-DSS-04810	9916	B <u>B0</u>	functional	approved	test	<u>unverified</u>			SDSRV CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
S-DSS-04820	9917	B <u>B0</u>	functional	approved	test	<u>unverified</u>			SDSRV CI mode-specific applications shall be capable of simultaneous execution in different modes on different machines.
S-DSS-04830	9918	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall be capable of using simulated time values supplied by CSS, when executing in a non-production mode.
S-DSS-04840	9919	B <u>B0</u>	functional	approved	test	<u>unverified</u>			SDSRV CI server applications shall register within their mode-associated namespace in the CSS name service.
S-DSS-04850	9920	B <u>B0</u>	functional	approved	test	<u>unverified</u>			SDSRV CI client applications shall incorporate a mode identifier for CSS name service lookups.
S-DSS-04860	9921	B <u>B0</u>	functional	approved	test	<u>unverified</u>			SDSRV CI mode-specific executables and scripts shall accept a specific mode only at startup.
S-DSS-04870	9922	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall include the mode identifier in activity log record entries for cost and accounting data.
S-DSS-10020	8862	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The DDSRV CI shall accept Subscriptions for metadata from the client.
S-DSS-10055	8863	B	functional	approved	test	<u>unverified</u>			The DDSRV CI shall provide, to qualified users, access to all documents and data types held in the server's collection.

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-10202	8864	B	functional	approved	test	<u>unverified</u>			The DDSRV CI shall provide the capability to ingest documentation in Microsoft WORD format.
S-DSS-10206	8865	B	functional	approved	test	<u>unverified</u>			The DDSRV CI shall provide the capability to ingest documentation in Interleaf format.
S-DSS-10208	8866	B	functional	approved	test	<u>unverified</u>			The DDSRV CI shall provide the capability to ingest documentation in WordPerfect format.
S-DSS-10230	8867	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The DDSRV CI shall provide application programming interfaces that support addition of documents for use as Guide data for DAAC-specific Data Products.
S-DSS-10231	8868	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The DDSRV CI shall utilize vendor supplied tools to analyze system CPU performance.
S-DSS-10232	8869	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The DDSRV CI shall utilize vendor supplied tools to analyze system throughput performance.
S-DSS-10233	8870	<del>B</del> B1	interface	approved	test	<u>unverified</u>			The DDSRV CI shall collect Fault Management Data, such as, device failures, Service Request failures, transmission failures and general failures. This information shall be sent to the SDSRV CI for forwarding to the SMC for fault isolation.
S-DSS-10260	8871	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The DDSRV CI shall provide application programming interfaces that support development of extensions for addition of documents for use as Guide data for DAAC-specific Data Products.
S-DSS-	10869	<del>B</del>	interface	approved	demo	unverified	96-		The DDSRV CI shall receive

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
10292		<u>B1</u>					0990A		management directives from the SDSRV CI.
S-DSS-10300	8872	<u>B</u> <u>B0</u>	performance	approved	test	<u>unverified</u>			The Document Data Server shall complete a search for a guide document by a single keyword in not exceeding 8 seconds.
S-DSS-10305	8873	<u>B</u> <u>B0</u>	performance	approved	test	<u>unverified</u>			The Document Data Server shall complete a directory search using a single keyword in a period not to exceed 8 seconds.
S-DSS-10306	8874	<u>B</u> <u>B0</u>	performance	approved	test	<u>unverified</u>			The Document Data Server shall complete a directory search using multiple keywords in a period not to exceed 13 seconds.
S-DSS-10310	8875	<u>B</u> <u>B0</u>	performance	approved	test	<u>unverified</u>			The Document Data Server shall complete a keyword search on a 1000 page document of not exceeding 3 seconds.
S-DSS-10400	9923	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDSRV CI mode-specific applications shall access data only for the mode in which the application is configured.
S-DSS-10410	9924	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDSRV CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
S-DSS-10420	9925	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDSRV CI mode-specific applications shall be capable of simultaneous execution in different modes on different machines.
S-DSS-10430	9926	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDSRV CI shall be capable of using simulated time values, supplied by CSS, when executing in a non-production mode.
S-DSS-	9927	<u>B</u>	functional	approved	test	<u>unverified</u>			DDSRV CI server applications shall

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
10440		<u>B0</u>							register within their mode-associated namespace in the CSS name service.
S-DSS-10450	9928	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDSRV CI client applications shall incorporate a mode identifier for CSS name service lookups.
S-DSS-10460	9929	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDSRV CI mode-specific executables and scripts shall accept a specific mode only at startup.
S-DSS-10465	9930	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDSRV CI shall provide the capability to store and retrieve test plans and test procedures.
S-DSS-10470	9931	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>			DDSRV CI shall include the mode identifier in activity log record entries for cost and accounting data.
S-DSS-20162	10207	<u>B</u> <u>B0</u>	functional	approved	inspection	<u>unverified</u>			The STMGT CI shall provide the capability to mount on-line backup media via automated means.
S-DSS-20171	9825	<u>B</u> <u>B0</u>	functional	<u>approved</u>	<u>demo</u>	<u>unverified</u>			The STGMT CI shall provide operations personnel with the capability to screen the archive holdings for lost volumes.
S-DSS-20210	8876	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			For any EOS Level 0 or L1A (if L0 is not available) data item that can not be located or is inaccessible and can not be re-created, the STMGT CI shall notify the operator which data item is missing and the operator shall request the data item be re-ingested from EDOS.
S-DSS-20230	10657	<u>B</u> <u>B1</u>	functional	approved	demo	unverified	96-0948A		The STMGT CI shall notify operations staff to discard source archive media after its contents have been re-created on the new media.
S-DSS-	10659	<u>B</u>	functional	approved	demo	unverified	96-		If an uncorrectable error occurs during

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
20255		<u>B1</u>					0948A		retrieval operations, STMGT CI shall automatically recreate the contents on new media.
S-DSS-20260	8877	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			For each piece of archive media, the STMGT CI shall provide the capability to display the length of time to store data on the media before deletion.
S-DSS-20270	8878	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide the capability to change the length of time to store data on archive media before deletion of the data.
S-DSS-20280	10202	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to directly notify active users when Data Products will be deleted.
S-DSS-20290	10203	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide the capability to indirectly notify users when Data Products will be deleted via a bulletin board type mechanism.
S-DSS-20442	10654	<del>B</del> <u>B0</u>	functional	approved	demo	unverified	96-0907B		The STMGT CI shall provide the capability to archive Data Availability Schedules.
S-DSS-20444	10655	<del>B</del> <u>B0</u>	functional	approved	demo	unverified	96-0907B		The STMGT CI shall provide the capability to retrieve Data Availability Schedules.
S-DSS-20450	8881	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide the capability to archive real EOS instrument data to support pre-launch checkout of the ground system.
S-DSS-20455	8882	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide the capability to retrieve real EOS instrument data to support pre-launch check out of ground systems.
S-DSS-20457	9829	<del>B</del>	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>		A: HDF-EOS and V0 native	The SDSRV CI shall interface with the STMGT CI to provide storage for real

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
		<u>B0</u>						only	EOS instrument data to support pre-launch instrument checkout.
S-DSS-20460	8883	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide the capability to archive simulated EOS instrument data to support pre-launch checkout of the ground system.
S-DSS-20462	8884	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide the capability to retrieve simulated EOS instrument data to support pre-launch checkout of the ground system.
S-DSS-20465	9830	<del>B</del> <u>B0</u>	interface	<u>approved</u>	<u>test</u>	<u>unverified</u>		A: HDF-EOS and V0 native only	The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch instrument checkout.
S-DSS-20550	8886	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff a mechanism to display/view storage system operating parameters which affect storage system performance.
S-DSS-20560	8887	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff a mechanism to display/view storage system operating parameters which affect storage system scheduling.
S-DSS-20570	8888	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff the capability to change storage system operating parameters which affect storage system performance.
S-DSS-20580	8889	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff the capability to change storage system operating parameters which affect storage system scheduling.



**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-20610	8890	B	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide the capability to archive multiple versions of Data Granules.
S-DSS-20624	8891	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide a mechanism to statistically monitor the checksum error rate of archive media.
S-DSS-20625	8892	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The STMGT CI shall allow the operator to manually specify archive media to be recopied/refreshed.
S-DSS-20650	10209	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff the capability to generate a backup of all data holdings.
S-DSS-20660	10210	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff the capability to restore backups of specified data holdings.
S-DSS-20720	8893	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide a mechanism to mark data for deletion. The mechanism shall be based on selection of max time to store data before it's deleted from storage. It shall also mark earlier versions when multiple versions have been archived.
S-DSS-20730	8894	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide a mechanism to automatically delete archived data which has been marked for deletion.
S-DSS-20750	8895	B	functional	approved	test	<u>unverified</u>			For data retrieval requests for L0 data from EDOS, STMGT CI shall satisfy such requests with appropriate L0 or L1A data. Note: These instruments provide L0 data, CERES, LIS, ASTER, MISR, MODIS, MOPPIT; these provide L1A data, LIS, PR, TMI, VIRS.

**Table 1. RTM B0/B1 Requirement Allocations for the Data Server Subsystem (DSS).**

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-20800	8896	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall use operator selectable criteria to determine the physical storage device that data types will be stored in. This criteria shall consider: current store and retrieval activity, number of storage devices, type of data to be stored.
S-DSS-20810	8897	B <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff the capability to manually alter the criteria that determines the physical storage device that data sets will be stored in.
S-DSS-20820	8898	B	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff the capability to alter the criteria that determines removal of archive media from storage devices to allow insertion of new or different archive media in the storage device.
S-DSS-20830	8899	B	functional	approved	test	<u>unverified</u>			In determining the archive media to be removed, the STMGT CI shall ensure that the criteria consider the media's capacity for storing additional data, the last time data was accessed on the media and whether the media is currently in use to store or retrieve data.
S-DSS-20840	8900	B <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall report information on the storage system. Information reported shall include file access time, file accesses per hour, size of files stored onto archive media, size of files retrieved from archive media, amount of storage allocated.
S-DSS-20850	8901	B	functional	approved	test	<u>unverified</u>			The STMGT CI shall collect information on the storage system, i.e.

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		<u>B1</u>							avg access time, avg number of accesses per hour, mean request inter-arrival time, avg file size stored, avg file size retrieved and avg file residency time on disk.
S-DSS-20860	8902	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide a mechanism to monitor the performance of the ECS archival storage system.
S-DSS-20870	8903	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff the capability to view/display performance information on the storage system.
S-DSS-21130	8904	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide estimates of staging device time delays for subsetted Data Requests.
S-DSS-21140	8905	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide estimates of staging device time delays for subsampled Data Requests.
S-DSS-21150	8906	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide estimates of staging device time delays for summary Data Requests.
S-DSS-21240	8907	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff a mechanism to display/view storage system utilization by ECS element.
S-DSS-21250	8908	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff a mechanism to display/view storage system performance by ECS element.
S-DSS-21260	8909	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff a mechanism to display/view storage system cost by ECS element.
S-DSS-	8910	<del>B</del>	functional	approved	test	<u>unverified</u>			The SDSRV CI shall provide

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21280		<u>B0</u>							application programming interfaces (APIs) to support Insert Requests.
S-DSS-21290	8911	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide application programming interfaces (APIs) to support Retrieval Requests.
S-DSS-21300	8912	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide application programming interfaces (APIs) to support Status Requests related to previous Insert Requests.
S-DSS-21310	8913	<u>B</u> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide application programming interfaces (APIs) to support Status Requests related to previous Retrieval Requests.
S-DSS-21320	8914	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide the capability to estimate time delays for data retrievals due to contention for hardware resources.
S-DSS-21340	8915	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide data to support administrative requests for Accounting Management Data.
S-DSS-21350	8916	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall collect Accounting Management Data as defined in Appendix K of the current version of 304-CD-005.
S-DSS-21430	8917	<u>B</u> <u>B1</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall provide operations staff a mechanism to delete records from the File Directory.
S-DSS-21610	8918	B	performance	approved	test	<u>unverified</u>			The MSFC DAAC Science Management within the Data Server shall make TSDIS original standard products (Level 1B-3) eligible for deletion after 6 months
S-DSS-22000	9932	<u>B</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall include capabilities which make it possible to

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L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
		<u>B0</u>							ensure that data written by applications executing in different modes will not be mixed on the same tape.
S-DSS-22010	9933	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			STMGT CI mode-specific applications shall access data only for the mode in which the application is configured.
S-DSS-22020	9934	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			STMGT CI shall include the mode identifier in activity log record entries for the cost and accounting data.
S-DSS-22050	9935	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
S-DSS-22060	9936	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI mode-specific applications shall be capable of simultaneous execution in different modes on different machines.
S-DSS-22070	9937	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			STMGT CI server applications shall register within their mode-associated namespace in the CSS name service.
S-DSS-22080	9938	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			STMGT CI client applications shall incorporate a mode identifier for CSS name service lookups.
S-DSS-22090	9939	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The STMGT CI shall be capable of using simulated time values when executing in a non-production mode.
S-DSS-22100	9940	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			STMGT CI mode-specific executables and scripts shall accept a specific mode only at startup.
S-DSS-30190	8919	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall record the cost of the shipping and handling of the media associated with each Media Distribution request.
S-DSS-	8920	<del>B</del>	functional	approved	test	<u>unverified</u>			The DDIST CI shall record the

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30200		<u>B1</u>							network cost of data transmission, the User Identifier and the Request Identifier.
S-DSS-30210	8921	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall record the cost of CPU intensive operations performed on data to be distributed. Such operations include compression/decompression and reformatting.
S-DSS-30220	8922	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall record the cost of archive storage for data to be distributed based on distribution size.
S-DSS-30230	8923	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall provide the capability to report the estimated media utilization to the SDSRV CI.
S-DSS-30240	8924	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall provide the capability to report the actual media utilization to the SDSRV CI.
S-DSS-30245	8925	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall provide the capability to report accounting data to the SDSRV CI.
S-DSS-30296	8926	<del>B</del> <u>B0</u>	interface	approved	test	<u>unverified</u>			The DDIST CI shall alert SMC when electronic transmission problems are encountered.
S-DSS-30460	8928	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall provide the capability to distribute on 3480/3490 tape.
S-DSS-30482	8929	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall provide the capability to support additional data distribution formats and conversion software.
S-DSS-30500	8930	B	functional	approved	test	<u>unverified</u>			If the number of correctable errors exceed a system threshold for a piece of media, the DDIST CI shall abort the

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									operation and automatically request a new piece of media from operations staff.
S-DSS-30510	8931	B	functional	approved	test	<u>unverified</u>			Operations staff shall have the capability to specify a threshold of correctable errors for each type of distribution media.
S-DSS-30620	8932	<del>B</del> B1	functional	approved	test	<u>unverified</u>			The DDIST CI shall provide the capability to distribute documents electronically via FAX transmissions.
S-DSS-30690	8933	<del>B</del> B1	functional	approved	test	<u>unverified</u>			For physical media distributions, the DDIST CI shall generate a physical "media label" that operations staff can apply to the media, and shall associate the individual piece of media with any other media in the distribution.
S-DSS-30700	8934	<del>B</del> B1	functional	approved	test	<u>unverified</u>			For physical media distributions, the DDIST CI shall generate a physical "shipping label" that operations staff can affix to the shipping container and indicates the destination of the media.
S-DSS-30770	8935	<del>B</del> B0	functional	approved	test	<u>unverified</u>			The DDIST CI shall provide an applications program interface to submit Distribution Requests, obtain Request Status for Distribution Requests, and retrieve a list of Distribution Requests submitted.
S-DSS-30795	8936	<del>B</del> B1	functional	approved	test	<u>unverified</u>			For physical media distributions, the DDIST CI shall record the cost of the media to be used for accounting.
S-DSS-30797	10870	<del>B</del> B0	interface	approved	demo	unverified	96-0990A		The DDIST CI shall receive management directives from the SDSRV CI.
S-DSS-	9941	<del>B</del>	functional	approved	test	<u>unverified</u>			The DDIST CI shall include

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31100		<u>B0</u>							capabilities which make it possible to ensure that data written by applications executing in different modes will not be mixed on the same item of distribution media.
S-DSS-31110	9942	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDIST CI mode-specific applications shall access data only for the mode in which the application is configured.
S-DSS-31120	9943	<del>B</del> <u>B1</u>	functional	approved	test	<u>unverified</u>			DDIST CI shall include the mode identifier in activity log record entries for cost and accounting data.
S-DSS-31150	9944	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDIST CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
S-DSS-31160	9945	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDIST CI mode-specific applications shall be capable of simultaneous execution in different modes on different machines.
S-DSS-31170	9946	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDIST CI server applications shall register within their mode-associated namespace in the CSS name service.
S-DSS-31180	9947	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDIST CI client applications shall incorporate a mode identifier for CSS name service lookups.
S-DSS-31190	9948	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			The DDIST CI shall be capable of using simulated time values supplied by CSS, when executing in a non-production mode.
S-DSS-31200	9949	<del>B</del> <u>B0</u>	functional	approved	test	<u>unverified</u>			DDIST CI mode-specific executables and scripts shall accept a specific mode only at startup.